

### **REMARKS**

Favorable reconsideration of this application is requested in view of the above amendments and following remarks.

Claim 1 has been amended to include the features of claim 5 and its intervening claim 3. Claims 23-29 have been added. Claim 23 is supported by original claim 10. Claims 24-29 correspond to original claims 11-16 and depend from claim 23 or an intervening claim.

Claims 3, 5, and 10-16 have been canceled.

Claims 6-9 and 17-19 have been amended editorially.

### **Drawing Objection**

The drawings are objected to for the reasons noted in the office action.

Appropriate legends have been added to FIG. 23 and FIG. 24.

The specification has been amended to include the reference characters, shown in FIG. 4 ( $R_2$ ,  $R_{31}$ ,  $L_2$  and  $L_{31}$ ) and FIG. 14 (32c).

Withdrawal of the objections is requested.

### **Specification**

As requested, the title has been amended to be more descriptive. Applicant invites the Examiner's suggestion for a title if this title is not acceptable.

### **Prior Art Rejections**

Claims 1-2 and 4 are rejected under 35 U.S.C. 102(b) as being anticipated by Masuda et al. (2003/0053286). The rejection of claim 1 is moot since claim 5 is now included in claim 1. Applicant is not conceding the correctness of the rejection.

Claims 2 and 4 are allowable at least by virtue of their dependence on independent claim 1. The rejections of these claims should be withdrawn. Applicant is not conceding the correctness of the rejections.

Claims 1- 4 are rejected under 35 U.S.C. 102(b) as being anticipated by Arai et al. (2004/0021534). The rejection of claim 1 is moot since claim 5 is now included in claim 1. Applicant is not conceding the correctness of the rejection.

Claims 2 and 4 are allowable at least by virtue of their dependence on independent claim 1. The rejections of these claims should be withdrawn. Applicant is not conceding the correctness of the rejections.

#### Obviousness Rejections

Claim 21 is rejected under 35 U.S.C. 103(a) as being unpatentable over Masuda et al. (2003/0053286) or Arai et al. (2004/0021534) in view of Tadanobu et al. (2003/0039093). Applicant respectfully traverses this rejection.

Claim 22 is rejected under 35 U.S.C. 103(a) as being unpatentable over Masuda et al. (2003/0053286) or Arai et al. (2004/0021534) in view of Naito (JP2003-264128). Applicant respectfully traverses this rejection.

Claims 21-22 are allowable at least by virtue of their dependence on independent claim 1 which was amended to incorporate the features of allowable claim 5. The rejections of these claims should be withdrawn. Applicant is not conceding the correctness of the rejections.

#### Double Patenting

Claims 1, 3, and 19-22 are provisionally rejected for obviousness-type double patenting as being unpatentable over claims 1, 2, 5, 20, and 22 of U.S. Patent 7,031,141. Applicant respectfully traverses this rejection.

The rejection of claim 1 is moot since claim 5 is now included in claim 1. In addition, the double-patenting rejection no longer applies to claims 3 and 19-22 by virtue of their dependence on independent claim 1. Applicant is not conceding the correctness of the rejection.

Claims 1-3, 10 and 13 are provisionally rejected for obviousness-type double patenting as being unpatentable over claims 1, 4-6, 8-9, 13-15, and 17-18 of U.S. Patent 7,450,366. Applicant respectfully traverses this rejection.

The rejection of claim 1 is moot since claim 5 is now included in claim 1. In addition, the double-patenting rejection no longer applies to claims 2-3 by virtue of their dependence on independent claim 1. Applicant is not conceding the correctness of the rejection.

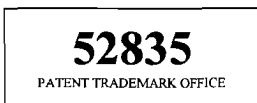
New independent claim 23 corresponds to original claim 10. This rejection is moot in view of the terminal disclaimer filed herewith. Applicant is not conceding the correctness of the rejection.

#### New Claims

New independent claim 23 corresponds to allowable claim 10 rewritten in independent form. Therefore, this new claim should be allowable at least for the same reason as original claim 10 was allowable. New claims 24-29 are dependent on independent claim 23 or on intervening dependent claims. Therefore, claims 24-29 are allowable at least by virtue of their dependence on independent claim 23 or intervening dependent claims.

Applicant respectfully requests that a timely Notice of Allowance be issued in this case.

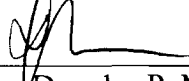
If the Examiner believes a telephone conference would advance the prosecution of this application, the Examiner is invited to telephone the undersigned at the below-listed telephone number.



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Respectfully submitted,

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